

FIFTH

Poultry Management Study



UNIVERSITY OF CALIFORNIA
Agricultural Extension Service
Placer County

UC Cooperative Extension

Prepared and Compiled by

James E. DeTar

Farm Advisor

Placer County

and

A. D. Reed, Economist

Farm Management

Berkeley, California

UC Cooperative Extension

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PLACER POULTRY MANAGEMENT STUDY

This report summarizes the records of seven poultry operations in Placer County for the calendar year of 1954.

The purpose of this study is to indicate paying practices, point out problem areas, and to generally evaluate the poultrymans own records.

In reviewing these records special attention should be given to the amount of labor and feed used per hen, and the egg production per hen since these are important profit factors.

SUMMARY OF THE 5TH
PLACER COUNTY POULTRY MANAGEMENT STUDY

The major profit determining factors are summarized below

	<u>Range</u>	<u>Average</u>
No. hens per flock	1180-4038	2483
Eggs per hen	203- 246	223
Percent mortality	7- 18	13
Percent culled	89- 113	99
Pounds feed per hen	118- 153	135
Percent mash	56- 100	74
Price per cwt. mash	\$3.85-4.50	4.18
Price per cwt. grain	2.81-3.32	3.06
Hours labor per hen	.6- 1.5	1.0
Percent mortality chicks	6.9-18.5	10.8
Price per dozen eggs	36.7-40.0	37.7
Cost per dozen eggs	26.9-39.1	34.4
Net income per doz	.4-10.3	3.2

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<u>Income per hen</u>	<u>Range</u>	<u>Average</u>
Eggs sales	6.88- 8.38	7.50
Poultry sales	.43- .74	.54
Manure	.00- .20	.08
Change stock Inv.	-.45- 1.83	.70
Total	7.23-10.11	8.58
Cash and depreciation cost		
Feed	4.56- 6.74	5.30
Chicks	.27- .96	.60
Misc.	.38- .89	.53
Depreciation	.12- .42	.24
Hired labor	.00- .44	.12
Total	5.75- 8.53	6.86
Farm Income	1.09- 2.71	1.78
Family labor	.58- 1.59	.94
Interest	.17- .27	.22
Management Income	.10- 1.90	.62

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TABLE I. Income and Expense per Hen

Ranch No.	Income per Hen					Cash and Depreciation Cost						Farm Income	Non-cash Cost		Management Income
	Egg Sales	Poultry Sales	Manure	Change St. Inv	Total	Feed	Chick	Misc	Deprec.	Hired Labor	Total		Family Labor	Interest	
8	6.88	.43	.16	1.83	9.30	5.06	.95	.38	.20	-	6.99	2.71	.58	.23	1.90
6	7.29	.51	-	.30	8.10	4.95	.46	.51	.17	.20	6.29	1.81	.62	.19	1.00
4	7.96	.57	.20	.05	8.68	5.37	.63	.38	.22	.05	6.65	2.03	1.23	.23	.57
1	7.54	.47	.04	.82	8.87	5.37	.65	.89	.35	.44	7.70	1.17	.58	.25	.34
7	7.35	.74	.05	.34	7.80	4.56	.31	.76	.12	-	5.75	2.05	1.59	.17	.29
10	7.10	.48	.10	.45	7.23	5.10	.27	.40	.21	.16	6.14	1.09	.74	.19	.16
5	8.38	.59	.03	1.11	10.11	6.74	.96	.41	.42	-	8.53	1.58	1.21	.27	.10
Av. All	7.50	.54	.08	.46	8.58	5.30	.60	.53	.24	.12	6.86	1.78	.94	.22	.62
1953	9.58	.61	.07	.29	10.55	5.69	.52	.51	.25	.05	7.02	3.53	1.11	.22	2.20
1952	8.93	.55	.28	.50	10.26	6.49	.55	.42	.31	.02	7.79	2.47	1.28	.23	.96
1951	8.96	.67	.36	.50	10.49	5.69	.56	.49	.37	.02	7.13	3.36	1.83	.27	1.26
1950	7.63	.57	.28	.39	8.82	4.82	.55	.47	.32	.04	6.20	2.62	1.46	.22	.94

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TABLE II. Flock Statistics and Production Factors

Ranch No.	Av. No. Hens	Laying Flock			Price per Cull Hen Sold	Pounds Feed per hen		Est. for Hens	% Mash	Price per Cwt.			Hr. Labor per Hen	% Chix Died
		% Died	% Culled	% Added		Total	Est. for Pullets			Mash	Grain	Average		
8	4038	18	95	156	.48	147	44	103	56	3.85	2.81	3.33	.6	10.8
6	2248	7	96	92	.54	129	24	105	64	4.31	2.89	3.80	.8	8.4
4	2157	16	110	136	.50	133	34	99	87	4.15	3.26	4.03	1.3	13.9
1	2905	13	89	124	.52	138	31	107	65	4.22	3.17	3.85	1.0	8.0
7	1180	15	96	119	.75	118	30	88	57	4.20	3.32	3.82	1.5	6.9
10	3048	14	95	107	.50	127	27	100	100	4.01	-	4.01	.8	8.9
5	1807	7	113	119	.51	153	31	122	92	4.50	2.92	4.38	1.2	18.5
Av. All	2483	13	99	122	.54	135			74	4.18	3.06	3.89	1.0	10.8
1953	1821	17	85	111	.72	129			69	4.65	3.72	4.37	1.1	10.0
1952	1640	14	78	114	-	135			67	5.22	3.85	4.76	1.3	9.0
1951	-	17	78	-	-	134			61	4.71	3.40	4.20	1.9	7.0
1950	934	20	73	-	-	134			61	4.13	2.67	3.57	1.9	7.0

TABLE III. Analysis of Egg Production and Sales

Ranch No.	No. Eggs Per Hen	Market Eggs Sold			% Fall Eggs
		% Large	% Medium	% Small	
8	203	58	24	18	43
6	219	64	20	16	34
4	237	59	26	15	38
1	227	60	27	13	39
7	221	60	27	13	44
10	206	73	17	10	31
5	246	61	27	12	34
Av. All	223	62	24	14	38
1953	216	62	25	13	37
1952	212	61	26	13	39
1951	203	61	23	16	39
1950	224	58	27	15	40